

Mr. Kevin D. McGrath
Onyx Environmental Services
Senior Manager of Environmental Affairs
3601 Enterprise
Valparaiso, IN 46383

Re: 127-16443-00086
Notice Only Change
Transfer of Ownership for
Registered Operation Status,
127-9544-00086

Dear Mr. McGrath:

A letter notifying the Office of Air Quality (OAQ) of a change in ownership was received on August 7, 2002. The following is a revision of the registration acknowledging the transfer of ownership of Shoreland Metals, Inc., to Onyx Environmental Services at the same location.

The following de-tinning and de-soldering operation, located at 3601 Enterprise, Valparaiso, Indiana, is classified as registered:

- (a) One (1) de-tinning/de-soldering operation which consists of the following equipment:
 - (1) One (1) receiving/storing area for coated brass and copper coated with a maximum storage capacity of 250,000 pounds,
 - (2) One (1) low-speed rotary shear, designated as RS-1, with a maximum metal tube throughput of 1150 pounds per hour;
 - (3) Six (6) rotary drum mixers, designated as RD-1 through RD-6, each contains a caustic clean-up solution with a total maximum sodium hydroxide usage rate of 10 pounds per day and a total maximum metal throughput of 2340 pounds per hour. RD-1, RD-2, and RD-3 exhausts to stacks designated as S1-S4, and RD-4, RD-5 and RD-6 exhausts to stacks designated as S4-S7. The six (6) rotary drum mixers each contain one (1) natural gas-fired burner (described below) which dries the tin-lead filter cake which is controlled voluntarily by two (2) baghouses designated as BH-1 and BH-2.
 - (4) One (1) filter press, designated as FP-1, with a maximum tin/lead slurry throughput of 1313 pounds per hour;
 - (5) Six (6) natural gas-fired burners with a maximum heat input capacity of 3.0 mmBtu/hr each and exhausts to the atmosphere;
 - (6) Six (6) natural gas-fired inspirators, with a maximum heat input capacity of 0.2 mmBtu/hr each and exhausts to the atmosphere;
 - (7) Six (6) caustic solution holding tanks, designated as T1 through T-6, with a maximum storage capacity of 4000 gallons each; and
 - (8) Two (2) rinse solution tanks, designated as RT-1 and RT-2, with a maximum

storage capacity of 5000 gallons each.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), the opacity shall meet the following:
 - (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
2. Pursuant to 326 IAC 6-3 (Process Operations):
 - (a) The de-tinning/de-soldering operation shall comply with 326 IAC 6-3-2(c) using the following equation:
$$E = 4.10 P^{0.67}$$
where E = rate of emission in pounds per hour and
P = process weight rate per hour, if P is equal to or less than 60,000 lbs/hr (30 tons/hr).

This registration is the first air approval issued to this source.

Any change or modification which may increase the following:

- (a) potential PM and Nox emissions to 25 tons per year or more; and
- (b) potential Lead emissions to 10 tons per year or more;

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Branch
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

no later than March 1 of each year, with the annual notice being submitted in the format attached.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch

Office of Air Quality

cc: File - Porter County
Porter County Health Department
Air Compliance Section - Dave Sampias
IDEM Northwest Regional Office
Compliance Data Section - Karen Nowak

Registration

This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3)

Company Name:	Onyx Environmental Services
Address:	3601 Enterprise Drive
City:	Valparaiso
Authorized individual:	Kevin D. McGrath
Phone #:	(414) 247-5100
Registration #:	R 127-9542-00086

I hereby certify that Onyx Environmental Services is still in operation and is in compliance with the requirements of Registration 127-9542-00086.

Name (typed):
Title:
Signature:
Date: